



Energy Micro (Silicon Labs)



C8051F312

Part Number:	C8051F312
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 8KB FLASH 32LQFP
Datasheets:	 C8051F312.pdf
RoHs Status	 Contains lead / RoHS non-compliant
Stock Condition	6472 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of C8051F312

PART NUMBER	C8051F312
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 8KB FLASH 32LQFP
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	6472 pcs
DATA SHEET	 C8051F312.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	32-LQFP (7x7)
SPEED	25MHz
SERIES	C8051F31x
RAM SIZE	1.25K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	8KB (8K x 8)
PERIPHERALS	POR, PWM, Temp Sensor, WDT
PACKAGING	Tray
PACKAGE / CASE	32-LQFP
OTHER NAMES	336-1151
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	29
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	8051 C8051F31x Microcontroller IC 8-Bit 25MHz 8KB (8K x 8) FLASH 32-LQFP (7x7)
DATA CONVERTERS	A/D 21x10b
CORE SIZE	8-Bit
CORE PROCESSOR	8051
CONNECTIVITY	SMBus (2-Wire/I²C), SPI, UART/USART
BASE PART NUMBER	C8051F31

Related Tags

Energy Micro (Silicon Labs) C8051F312	C8051F312 Distributor	C8051F312 Supplier
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Related Products

 C8051F312-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 32LQFP In stock: 24118 pcs RFQ	 C8051F313-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 28QFN In stock: 25091 pcs RFQ
 C8051F313-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 28QFN In stock: 26987 pcs RFQ	 C8051F311-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 28QFN In stock: 21372 pcs RFQ
 C8051F311 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 28QFN In stock: 6879 pcs RFQ	 C8051F314 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 32LQFP In stock: 2801 pcs RFQ
 C8051F311-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 28QFN In stock: 20709 pcs RFQ	 C8051F313 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 28QFN In stock: 5122 pcs RFQ
 C8051F310R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 28LQFP In stock: 3985 pcs RFQ	 C8051F311R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 28QFN In stock: 2884 pcs RFQ
 C8051F310DK-U Manufacturers: Energy Micro (Silicon Labs) Description: DEV KIT FOR C8051F310/F311 In stock: 4797 pcs RFQ	 C8051F312-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 32LQFP In stock: 22351 pcs RFQ